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WHAT IS CLAIMED IS:

1	1. A method for quantifying risk of fraud associated with a
2	purchasing card transaction, the method comprising:
3	obtaining a charge-back history associated with a consumer involved
4	in the purchasing card transaction; and
5	determining a risk score based on the charge-back history.
1	 The method of claim 1 wherein the step of obtaining a charge-
2	back history includes obtaining a reason code for each charge-back included in the
3	charge-back history.
1	3. The method of claim 2 further comprising weighting each
2	charge-back included in the charge-back history based on the corresponding reason
3	code.
5	couc.
1	4. The method of claim 1 further comprising determining how
2	each charge-back included in the charge-back history is associated with the
3	purchasing card transaction, and weighting each charge-back based on the
4	corresponding association with the purchasing card transaction.
1	5. The method of claim 1 further comprising obtaining additional
2	charge-back history associated with a machine identification number of a machine
3	involved in the purchasing card transaction, and wherein the step of determining a
4	risk score includes determining the risk score based on the additional charge-back
5	history.
1	6. The method of claim 1 wherein the step of determining a risk

- 1 6. The method of claim 1 wherein the step of determining a risk
 2 score includes comparing the charge-back history to predetermined ranges of
 3 charge-backs.
 - 7. The method of claim 1 wherein the step of determining a risk score is performed using a linear risk model.

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1	8. The method of claim 1 wherein the step of determining a risk
2	score is performed using a regression risk model.
1	9. The method of claim 1 wherein the step of determining a risk
2	score is performed using a decision tree risk model.
1	10. The method of claim 1 wherein the step of determining a risk
2	score is performed using a neural network risk model.
1	11. The method of claim 1 wherein the step of determining a risk
2	score includes determining the risk score based on a plurality of purchasing card
3	transaction characteristics.
1	12. A method for quantifying risk of fraud associated with a
2	purchasing card transaction, the method comprising:
3	obtaining a charge-back history associated with a consumer involved
4	in the purchasing card transaction, wherein the charge-back history includes charge-
5	backs associated with a particular purchasing card account of the consumer, and a
6	reason code for each charge-back;
7	weighting each charge-back based on the corresponding reason code;
8	and
9	determining a risk score based on the weighted charge-backs.
1	13. A system for quantifying risk of fraud associated with a

13. A system for quantifying risk of fraud associated with a
 purchasing card transaction, the system comprising:

an authorization source for obtaining a charge-back history associated with
 a consumer involved in the purchasing card transaction, the authorization source
 including a risk model for determining a risk score based on the charge-back history.

14. The system of claim 13 wherein the authorization source includes a database for storing a reason code for each charge-back included in the charge-back history, and a processor in communication with the database and

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- 4 including the risk model, wherein the risk model includes instructions for 5 determining the risk score based on the reason codes.
- 1 16. The system of claim 13 wherein the risk model includes
 2 instructions for determining how each charge-back included in the charge-back
 3 history is associated with the purchasing card transaction, and instructions for
 4 weighting each charge-back based on the corresponding association with the
 5 purchasing card transaction.
- 1 17. The system of claim 13 wherein the risk model includes 2 instructions for comparing the charge-back history to predetermined ranges of 3 charge-backs in order to determine the risk score.
- 1 18. The system of claim 13 wherein the risk model comprises a 2 linear risk model.
 - The system of claim 13 wherein the risk model comprises a regression risk model.
- 1 20. The system of claim 13 wherein the risk model comprises a decision tree risk model.
- 1 21. The system of claim 13 wherein the risk model comprises a 2 neural network risk model.
- 1 22. A computer system for quantifying risk of fraud associated 2 with a purchasing card transaction, the computer system comprising:
- a database for storing a charge-back history associated with a
 consumer involved in the purchasing card transaction; and

- 5 a processor in communication with the database, the processor
- 6 including a risk model for determining a risk score based on the charge-back
- 7 history.